

ORDINANCE NO. 15- 141

AN ORDINANCE AMENDING THE ROGERS CITY CODE BY ADOPTING SECTION 54-175, SECTION 54-176, and SECTION 54-177, CODIFYING REQUIREMENTS OF CHAPTER 10, SECTION 7.0 OF THE DRAINAGE MANUAL OF THE CITY OF ROGERS IN CHAPTER 54, ARTICLE IV, OF THE CODE OF ORDINANCES OF THE CITY OF ROGERS, AND FOR OTHER PURPOSES.

Whereas, on July 28, 2015, the Rogers City Council adopted Ordinance No. 15-97 which amended the 2012 Drainage Manual for the City of Rogers by adding Chapter 10. Cave Springs Direct Recharge Area Water Quality Protection Requirements ("Chapter 10"); and

Whereas, Chapter 10 contains, in pertinent part, Section 7.0, Wastewater BMP Requirements, ("Chapter 10, Section 7.0") which provides, *inter-alia*, standards for construction and monitoring of pressure sewer lines, gravity sewer lines, and sewage lift stations in the Cave Springs Recharge Area; and

Whereas, administration of sewer ordinances and regulations is primarily the responsibility of the Rogers Water Utilities, on behalf of the City of Rogers, and

Whereas it will be beneficial for administration and enforcement of the requirements of Chapter 10, Section 7.0 if the requirements of Chapter 10, Section 7.0 are included in Chapter 54-UTILITIES, Article IV.-SEWAGE AND SEWAGE DISPOSAL ("Chapter 54, Article IV.") of the Code of Ordinances of the City of Rogers, Arkansas, and

Whereas, by duly passed Resolution, the Rogers Waterworks and Sewer Commission recommends to the Rogers City Council, that it, by duly passed Ordinance, add the requirements of Chapter 10, Section 7.0 to Chapter 54, Article IV. of the Code of Ordinances of the City of Rogers, Arkansas.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROGERS, ARKANSAS:

Section 1: That the Code of Ordinances of the City of Rogers, Arkansas is hereby amended by adopting Section 54-175, Section 54-176, and Section 54-177 attached hereto as Exhibits "A" "B", and "C", respectively, and incorporated by reference as if set out word for word herein.

Section 2: Severability Provision. In the event that any section, paragraph, subdivision, clause, phrase, or other provision or portion of this Ordinance shall be adjudged invalid or unconstitutional, the same shall not affect the validity of this Ordinance as a whole, or any part or provision, other than the part so decided to be invalid or unconstitutional, and the remaining provisions of this Ordinance shall be construed as if such invalid, unenforceable or unconstitutional provision or provisions had never been contained herein.

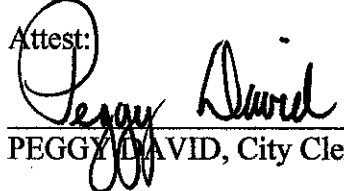
Section 3: Repeal of Conflicting Ordinances and Resolutions. All ordinances, resolutions or orders of the City Council, or parts of ordinances, resolutions or orders of the City Council in conflict herewith are hereby repealed to the extent of such conflict.

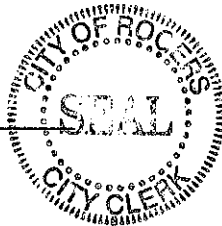
PASSED this 13th day of October, 2015.

APPROVED:


C, GREG HINES,
Mayor

Attest:


PEGGY DAVID, City Clerk



Prepared by: Robert A Frazier, Counsel for Rogers Waterworks and Sewer Commission and Rogers Water Utilities

EXHIBIT A. TO ORDINANCE NO. 15- 141

Sec. 54-175. Wastewater Best Management Practices in Cave Springs Recharge Area

(a) As used herein and in Section 54-176 and Section 54-177 of this Code, the terms

“Cave Springs Recharge Area,”

“Direct Recharge Area”,

“Indirect Recharge Area,”

“Cave Springs Groundwater Trough,”

“Losing Stream,”

“Ten State Standards,”

“Zone 1,”

“Zone 2,”

“Zone 3,” and

“Zone 4”

are used in the same manner, and have the same meaning, as used in the Drainage Manual of the City of Rogers, Arkansas, Chapter 10. “Cave Springs Direct Recharge Area Water Quality Protection Requirements,” it being the intent to codify herein the requirements of Chapter 10, Section 7.0, of the Drainage Manual of the City of Rogers, “Wastewater BMP Requirements” in this Article and Section of the Code of Ordinances of the City of Rogers, Arkansas.

(b) As used herein and in Section 54-176 and Section 54-177 of this Code, references to Exhibits refer to exhibits contained in Chapter 10, Section 7.0 of the Drainage Manual of the City of Rogers.

(c) As used herein and in Section 54-177, the term “municipal agency” refers to Rogers Water Utilities, and the terms “municipal facility” and “municipal offices” refers to the facilities and offices of Rogers Water Utilities.

EXHIBIT B. TO ORDINANCE NO. 15-~~141~~**Sec. 54-176. Pressure and Gravity Sewer Lines**

(a) With exception of service lines, all public and privately maintained pressure and gravity sewer lines located within 300 feet of a losing stream, anywhere in Zone 1 or the Cave Springs Groundwater Trough, must meet all criteria and design standards of the Cities of Rogers or Springdale (which are based on the Ten State Standards) and Cave Springs pumped effluent systems until a gravity sewer system is available. As shown in Exhibit 10-5, these sewer lines must be constructed using geomembranes installed in the bottom of the sewer trench under the pipe bedding up the sides of the trench to 12" above the top of the pipe. Trench dams shall be installed at 400' +/- intervals and at mainline branches. These trench dams shall extend 6" into undisturbed soil on the bottom and sides of the trench and must extend to within 12" of finished grade. Trench dams may be composed of bentonite clay, flowable concrete fill, manufactured anti-seep collars, or other widely accepted materials and methods of practice.

(b) An 8" PVC monitoring well shall be installed on the upstream side of each trench dam from the surface down to the sewer pipe flow line designed to intercept any flow along or immediately beneath the sewer pipe. Each monitoring well shall be sampled annually for dye that will be introduced into the upstream sewer main to check for sewer leakage. As an alternative to dye tracing, the utility owner may implement a monitoring program to test annual samples for the presence of wastewater by commonly accepted laboratory practice or implement an annual inspection program capable of detecting defects and exfiltration points in sewer mains.

(c) All pressure and gravity sewers in Zones 1, 2, 3 & 4 must meet all criteria and design standards of Rogers or Springdale Water Utilities.

EXHIBIT C. TO ORDINANCE NO. 15- 141**Sec. 54-177. Sewage Lift Stations**

(a) All wastewater lift stations shall be equipped with two or more pumps such that the wastewater lift station is capable of pumping the total rated capacity with one pump out of service.

A control system with remote transmission of data or equivalent shall be implemented at wastewater lift stations. Graphical display screens shall show, and the control system shall be capable of transmitting, the instantaneous station discharge, wet well water level, pump run times, pump starts, pump status (such as running, off, or alarm conditions), power status, and standby generator status. Wastewater lift station alarm systems shall transmit and identify alarm conditions to a municipal facility that is staffed 24 hours a day. If such a facility is not available, the alarm shall be transmitted to municipal offices during normal working hours and to the home of the responsible person(s) in charge of the lift station during off-duty hours. The control system and communication method shall be coordinated with the local municipal agency for integration with their SCADA system and operational procedures.

(b) Fuel or gas standby generators with appropriate fuel storage containers, or an approved alternative secondary power supply, shall be provided as a backup power source for wastewater lift stations. In the event of a power failure, the redundant power system shall automatically operate the wastewater lift station, shall have sufficient capacity to start up and maintain the total rated running capacity of the station. A portable pump connection to the force main with rapid connection capabilities and appropriate valving shall be provided outside the dry well and wet well.